

Abstract

Provide a newsprint paper for offset printing that offers good printing efficiency and print quality, wherein the paper, despite a high content of deinked pulp, notably suppresses show-through in offset printing and also reduces paper powder deposit on the blanket cylinders of the press.

Adding a filler or fillers by more than 15 percent by weight but less than 40 percent by weight as ash relative to the paper weight notably suppresses show-through of a newsprint paper for offset printing. In particular, adding calcium carbonate with an average grain size of 0.5 to 5 μm and zeta potential of 0 mV or above by more than 15 percent by weight but less than 40 percent by weight as ash relative to the paper weight not only suppresses show-through further but also reduces the paper powder deposit on the blanket cylinders of the press.

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